

0890 #2
10/09 OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/854,124

DATE: 06/08/2001
TIME: 11:44:15

Input Set : C:\PAOLA\09854124.txt
Output Set: N:\CRF3\06082001\I854124.raw

3 <110> APPLICANT: Williams, Lewis T.
 4 Escobedo, Jaime
 5 Innis, Michael A.
 6 Garcia, Pablo Dominiguez
 7 Sudduth-Klinger, Julie
 8 Reinhard, Christoph
 9 Giese, Klaus
 10 Randazzo, Filippo
 11 Kennedy, Giulia C.
 12 Pot, David
 13 Kassam, Altaf
 14 Lamson, George
 15 Drmanac, Radoje
 16 Crkvenjakov, Radomir
 17 Dickson, Mark
 18 Drmanac, Snezana
 19 Labat, Ivan
 20 Leshkowitz, Dena
 21 Kita, David
 22 Garcia, Veronica
 23 Jones, Lee William
 24 Stache-Crain, Birgit
 26 <120> TITLE OF INVENTION: Diagnostic and Therapeutic Methods Using
 27 Molecules Differentially Expressed in Cancer Cells
 30 <130> FILE REFERENCE: 2300-1490
 32 <140> CURRENT APPLICATION NUMBER: 09/854,124
 33 <141> CURRENT FILING DATE: 2001-05-10
 35 <150> PRIOR APPLICATION NUMBER: 09/400,947
 36 <151> PRIOR FILING DATE: 1999-09-22
 38 <160> NUMBER OF SEQ ID NOS: 37
 40 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 42 <210> SEQ ID NO: 1
 43 <211> LENGTH: 300
 44 <212> TYPE: DNA
 45 <213> ORGANISM: Homo sapiens
 47 <400> SEQUENCE: 1
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 49 gaggtcgagc cggcagtggtt ggtccgcattc gtgggtggagt actgtgaacc ctgcggcttc 120
 50 gaggcgacct acctggagct ggccagtgtct gtgaaggagc agtatccggg catcgagatc 180
 51 gagtcgcgccc tcggggcac aggtgccttt gagatagaga taaatggaca gctgggtttc 240
 52 tccaaagctgg agaatggggg ctttccctat gagaaagatc tcattgaggc catccgaaga 300
 55 <210> SEQ ID NO: 2
 56 <211> LENGTH: 300
 57 <212> TYPE: DNA
 58 <213> ORGANISM: Homo sapiens
 60 <400> SEQUENCE: 2
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ENTERED

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62	atttttagca	ctcatcagta	ttctccaatg	tgaccttctc	attggagtagac	acagaaggaa	120
63	agcaaagaag	agcatctgac	ttctagctct	ggcttacagc	ctctctacca	ggccgaagca	180
64	agagaccgc	ggcagcagct	ccccgccact	cagacctggg	tggtgataac	ctcaaagaat	240
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69	<212>	TYPE:	DNA				
70	<213>	ORGANISM:	Homo sapiens				
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74	cattcttac	acctagtata	tagtagttt	gtagagtgtat	ttccccccag	tttcttgaac	120
75	atggtatctt	cacatcttgg	accttggtca	gttggctat	tcattattaa	acactaaaac	180
76	tttggcggtt	cttgcatataac	attgtcagat	tttttagtgt	atttctgtga	agtcatttt	240
77	tttcttgcata	ttcctttgt	agtagttgct	gtttggataa	aagttgatgt	ggattttta	300
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80	<211>	LENGTH:	300				
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82	<213>	ORGANISM:	Homo sapiens				
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86	tggccgagac	tgaccccaag	accgtgcagg	acctcacctc	gttgggtcag	acactcctgc	120
87	agcagatgca	agataaattt	cagaccatgt	ctgaccagat	cattgggaga	attgtatgata	180
88	ttagtagtcg	cattgtatgt	ctggaaaaga	atatcgccga	cctcatgaca	caggctgggg	240
89	tggagaact	ggaaagtgaa	aacaagatac	ctgcccacgca	aaagagttga	aggttgctaa	300
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92	<211>	LENGTH:	300				
93	<212>	TYPE:	DNA				
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98	ctgctgacag	ctttgtgaga	cagcaggagg	cacatccaa	gctggataac	ttgaccttga	120
99	tggagatcaa	caccagcggg	actttcctca	cacaagcgct	caaccacatg	tacaaactcc	180
100	gcacgaacct	ccagcctctg	gagagtaactc	agtctcgat	cttctagaga	aaggcctgg	240
101	gcaggcggct	tgctggggga	tgtgagcgct	caggacgtga	tgaggtactc	gtggttctgg	300
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106	<213>	ORGANISM:	Homo sapiens				
109	<400>	SEQUENCE:	6				
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111	ggtcgaattc	ctcgccgaga	aggagctggt	taccattatc	cccaacttca	gtctggacaa	120
112	gatctacctc	atcggggggg	acctggggcc	tttaaccct	gttttacccg	tggaaagtgc	180
113	cctgtggctg	gcgatataacc	tgaaacaaag	acagaaatgt	cgcctgtcc	ctccagatg	240
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117	<211>	LENGTH:	300				
118	<212>	TYPE:	DNA				
119	<213>	ORGANISM:	Homo sapiens				
121	<400>	SEQUENCE:	7				

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Input Set : C:\PAOLA\09854124.txt
Output Set: N:\CRF3\06082001\I854124.raw

122 atcatgcttc agacaacatc. ccgaaggcag acgaaatccg gaccctggc aaggatatgt	60
123 gggacactcg tatacgccaa ctccgagtgt ctgctgacag ctttgtgaga cagcaggagg	120
124 cacatgccaa gctggataac ttgaccttga tggagatcaa caccagcggg acttcctca	180
125 cacaagcgct caaccacatg tacaaactcc gcacgaacct ccagcctctg gaaagacctc	240
126 agcttaggact tctaaaaaaag gcctggtgca gccgcttggt tggggattaa cccttcagac	300
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129 <211> LENGTH: 300	
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135 gtccaggcag ctggAACAGA tagacactgt gtgacatttg tattgcacga ggaagaccat	120
136 acccttaggaa attctctacg ttacatgatc atgaagaacc cgaaagtggg attttgtggt	180
137 tacactacga cccatccctc agagagcaaa attaatttac gcattcagac tcgaggtacc	240
138 cttccagctg ttgagccatt tcagagggc ctgaatgagc tcatgaatgt ctgccaacat	300
140 <210> SEQ ID NO: 9	
141 <211> LENGTH: 300	
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143 <213> ORGANISM: Homo sapiens	
145 <220> FEATURE:	
146 <221> NAME/KEY: misc_feature	
147 <222> LOCATION: (1)...(300)	
148 <223> OTHER INFORMATION: n = A,T,C or G	
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W--> 152 tcttanaagt attttgggg tggatgtgtg aatgtgcata gttttaaag tccaaacattc	120
W--> 153 atgtataag acatcttgca tataacaatg acccttacgt cnaagatgt aaatagatcc	180
154 taagcctggt ataactttat tcaagtatcc ttatttgccc ctAAAATGTC tttaatacac	240
W--> 155 attacttggg ttatttcctg gatgaacatn caggtatccc aatttctgtt tttaagagaa	300
157 <210> SEQ ID NO: 10	
158 <211> LENGTH: 300	
159 <212> TYPE: DNA	
160 <213> ORGANISM: Homo sapiens	
163 <400> SEQUENCE: 10	
164 gtgtgtgggg ggggttccca gatattcagg gcaaggacc agtcggaagg gattctggct	60
165 attgggggag cccagagaca ggggaaggca gcctgtccat ctgtgcataa ggagaggaaa	120
166 gttccagggt gtgtatgtt caggggctc acatggagga gctgcagata gatatgtgtt	180
167 tctgtgtatg ttagtgcata ctttttttc taatggggg cttctacagg cttttgggaa	240
168 gtaggggtgaa tggggtagg gctgggagga gggggccaca gcttaagttt ggagctctgg	300
170 <210> SEQ ID NO: 11	
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172 <212> TYPE: DNA	
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178 aacgaaaggaa gcacatcaga gatgcctca gttctgtgtg cttgaacttt gaattccatg	180
179 aattatagtt gcactgaggg gagaatccctg ttccatcct cctgggttcc tctcccttc	240
180 ctgtccccat gtttctctga ggcctggcaa tgctctctgg atacttggtg agtagcccag	300

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Input Set : C:\PAOLA\09854124.txt
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182 <210> SEQ ID NO: 12
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185 <213> ORGANISM: Homo sapiens
187 <400> SEQUENCE: 12
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189 aacaccaccc cacatgtgcc ggctgaggga cctgagctta tttgaagtcc tgcctcattc 120
190 tcactggagc ctcagtcct cctgcttggt cttggccctc aactgggca agtgaagcca 180
191 gaggagggtc ccccaagctgg gtgggctgga atggaactcc tcactagctg ctggggctcc 240
192 gcccaccctg ctcccttccg gacaatgaag aagccttgc accctggag gaaggaccac 300
194 <210> SEQ ID NO: 13
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196 <212> TYPE: DNA
197 <213> ORGANISM: Homo sapiens
199 <400> SEQUENCE: 13
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201 cgagcagtgg ccattccat gcctctgacc tccaccgacc tctgcccacc atgggttgg 120
202 actaaactgt taccttccct cgctccacag aagaagacag ccagcttcag gggccctgt 180
203 gctggccaag ccagtgagcc tgcggggagg ctggtccaag gagaaagtgg accagctccc 240
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206 <210> SEQ ID NO: 14
207 <211> LENGTH: 300
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209 <213> ORGANISM: Homo sapiens
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212 <221> NAME/KEY: misc_feature
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214 <223> OTHER INFORMATION: n = A,T,C or G
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W--> 220 aagatgccc gaccctgagg aangccatga aagggtctgg caccgatgaa nacccatta 180
W--> 221 ttancgtccct tgcctaccgc atcaccgccc agcgccagga gatcaggaca gcctacaaga 240
W--> 222 gcaccatcg g canggacttg atagacgacc tgaagtcana actgagtggc aacttcgagc 300
224 <210> SEQ ID NO: 15
225 <211> LENGTH: 300
226 <212> TYPE: DNA
227 <213> ORGANISM: Homo sapiens
229 <400> SEQUENCE: 15
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231 agaagatccc ggcggggagga agcccaagtg tcacttgaat tccacccaaag gagcggggcgc 120
232 ctgggatca g cgcgtctgt ttagcaataa cggctggagc acgtcctaca agttacggga 180
233 gagtcggctg tgaaggagac gttcgcttat cccctgtgtc cccgctctg gcccctccag 240
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237 <211> LENGTH: 300
238 <212> TYPE: DNA
239 <213> ORGANISM: Homo sapiens
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Input Set : C:\PAOLA\09854124.txt
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242 aattccgttg ctgtcgcaga ggctggatc atggtagatg gaaccctcct tttactcctc	60
243 tcggaggccc tggcccttac ccagacctgg gcgggctccc actccttcaa gtatttccac	120
244 acttccgtgt cccggcccg ccgcggggag ccccgcttca tctctgtggg ctacgtggac	180
245 gacacccagt tcgtcgctt cgacaacgac gccgcgagtc cgaggatgtt gcccggcg	240
246 ccgtggatgg agcaggaggg gtcagagtat tgggaccggg agacacggag cgcaggaca	300
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250 <212> TYPE: DNA	
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256 gcctgcagg gatggAACCT tccagaagt ggcagctgtg gtggcctt ctggagagga	180
257 gcagagatac acgtgccatg tgcagcatga gggctaccc gagccgtca ccctgagatg	240
258 gaagccggct tcccaagccca ccatccccat cgtggcatacatttgc tggcctt	300
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261 <211> LENGTH: 300	
262 <212> TYPE: DNA	
263 <213> ORGANISM: Homo sapiens	
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267 cacccgtgga aagtacaggt cctgacagct gggcccttga tggccttgg tgacattatc	120
268 tcacagcagc tggcggagag gccccgtctg caggaacacc agagaggccg gactctgacc	180
269 atgggttccc tggccttgg ctttgcgttgc cctgtggtag gaggctgtt caaggttttg	240
270 gatcggttca tccctggcac caccggatgt gatgcactga agaagatgtt gttggatcag	300
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273 <211> LENGTH: 300	
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280 gaagcactat ggcattgggt ggtcagcat ggcacacgt gggcctgaca ccaatggctc	180
281 tcagttttt atcacccatg ccaagccac ctgggtggac ggcaaacatg tgggtttgg	240
282 aaaagtattt gatggatgtt cagttgttgc cttccatagatg ctccaaagca ctgtatggca	300
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291 gaaaaattttt gttgtcttag caacaggaga gaaaggatattt ggtatataaag gaagcaagtt	120
292 tcacccgtgtc atcaaggattt tcacccatgttca aggaggatgttgc atcaccactg gagatggcac	180
293 tgggggtgtg agcatctatg gtgagacattt tccagatgtt gacttcaagc tgaagacta	240
294 tggcattggg tgggtcagca tggccaaacgc tggcctgac accaatggctt ctcaatgtt	300
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297 <211> LENGTH: 300	
298 <212> TYPE: DNA	
299 <213> ORGANISM: Homo sapiens	

VERIFICATION SUMMARY
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Input Set : C:\PAOLA\09854124.txt
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L:152 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:153 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:155 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:220 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:221 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:222 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:395 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:494 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:509 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:510 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37